INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/08247

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61B17/03 //A61B17/062,A61M25/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61B A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 89 11301 A (KENSEY NASH CORP) 30 November 1989 (1989-11-30) figures 8-10 ---	1-23
A	WO 98 31286 A (QUINTON INSTR ;HUSS BRADLEY D (US)) 23 July 1998 (1998-07-23) figures 9-12 ---	1-23
A	US 4 392 493 A (NIEMEIJER HALBE J) 12 July 1983 (1983-07-12) figure 1 abstract ---	1,12
A	US 6 251 063 B1 (SILVERMAN DAVID E ET AL) 26 June 2001 (2001-06-26) column 19, line 35 -column 20, line 50; figures 14,21 ---	1-23
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[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

° Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

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Date of the actual completion of the international search	Date of mailing of the international search report
18 November 2003	10. 12. 2003

Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	LEIF BRANDER / ELY

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 391 048 B1 (BELEF W MARTIN ET AL) 21 May 2002 (2002-05-21) figures 6,7 abstract -----	1-23